List of Claims:

Claims 1-9 (Cancelled)

Claim 10 (Original): A method of controlling a comb filter for comb filtering a plurality of video signal lines to demodulate a chrominance portion of each of said plurality of video signal lines into U and V components, said method comprising:

determining a first reference subcarrier of a first video signal line of said plurality of video signal lines;

demodulating said chrominance portion of said first video signal line into first U and V components using said first reference subcarrier;

using said first U and V components to determine a number of degrees of rotation of said first reference subcarrier from a second reference subcarrier of a second video signal line previous to said first video signal line; and

disabling said comb filter if said number of degrees is different from a predetermined number of degrees.

Claim 11 (Original): The method of claim 10, wherein said predetermined number of degrees is 90 degrees.

Claim 12 (Original): The method of claim 10, wherein said predetermined number of degrees is 180 degrees.

Claim 13 (Original): The method of claim 10 further comprising: enabling said comb filter if said number of degrees is the same as a predetermined number of degrees.

Page 2 of 4

04CXT0010D

Claim 14 (Original): A decoder comprising:

a comb filter configured to filter a plurality of video signal lines;

a subcarrier generator configured to determine a first reference subcarrier of a first video signal line of said plurality of video signal lines;

a demodulator configured to demodulate said chrominance portion of said first video signal line into first U and V components using said first reference subcarrier; and

wherein said decoder uses said first U and V components to determine a number of degrees of rotation of said first reference subcarrier from a second reference subcarrier of a second video signal line previous to said first video signal line, and said decoder disables said comb filter if said number of degrees is different from a predetermined number of degrees.

Claim 15 (Original): The decoder of claim 14, wherein said predetermined number of degrees is 90 degrees.

Claim 16 (Original): The decoder of claim 14, wherein said predetermined number of degrees is 180 degrees.

Claim 17 (Original): The decoder of claim 14, wherein said decoder enables said comb filter if said number of degrees is the same as a predetermined number of degrees.

Claims 18-21 (Cancelled)

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